

WHAT IS CLAIMED IS:

1. An image forming apparatus comprising:
  - a forming unit which forms an image onto a recording medium on the basis of acquired image information;
  - a fixing unit in which the formed image is fixed by heating the recording medium onto which the image has been formed by the forming unit; and
  - a control unit which detects temperatures of the fixing unit and generates a temperature change table, and which carries out temperature control of the fixing unit on the basis of the table.
2. An image forming apparatus according to claim 1, wherein, when a temperature change of the temperature change table is greater than or equal to a predetermined value, the control unit stops rising the temperature of the fixing unit even if it has not reached a target temperature.
3. An image forming apparatus according to claim 1, wherein the fixing unit includes a fixing roller, a heater which heats a central portion of the fixing roller, and heaters which heat both end portions of the fixing roller.
4. An image forming apparatus according to claim 3, wherein the control unit alternately carries out rising the temperature of the central portion and rising the temperature of the both end portions of the

fixing roller.

5. An image forming apparatus according to claim 1, wherein the control unit carries out temperature control of the fixing unit in consideration of at least one of a signal from a temperature sensor of a photosensitive drum of the forming apparatus and a signal from a temperature sensor of a cassette in which the recording medium is housed.

6. An image forming method comprising:  
10 forming an image on a recording medium on the basis of acquired image information;  
detecting temperatures of a fixing unit which fixes the image formed on the recording medium and generating a temperature change table, and carrying out  
15 temperature control of the fixing unit on the basis of the table; and  
heating the recording medium when the fixing unit reaches a predetermined temperature.

7. An image forming method according to claim 6, wherein, when a temperature change of the temperature change table is greater than or equal to a predetermined value, rising the temperature of the fixing unit is stopped even if it has not reached a target temperature.

25 8. An image fixing apparatus comprising:  
a fixing unit which, by heating a recording medium on which an image is formed, fixes the formed image;

and

a control unit which detects temperatures of the fixing unit and generates a temperature change table, and which carries out temperature control on the basis of the table.

5 9. An image fixing apparatus according to claim 8, wherein, when a temperature change of the temperature change table is greater than or equal to a predetermined value, the control unit stops rising the 10 temperature of the fixing unit even if it has not reached a target temperature.

15 10. An image fixing apparatus according to claim 8, wherein the fixing unit includes a fixing roller, a heater which heats a central portion of the fixing roller, and heaters which heat both end portions of the 20 fixing roller.

11. An image fixing apparatus according to claim 8, wherein the control unit alternately carries out rising the temperature of the central portion and rising the temperature of the both end portions of the fixing 25 roller.

12. An image fixing apparatus according to claim 8, wherein the control unit carries out temperature control of the fixing unit in consideration of at least one of a signal from a temperature sensor of a photosensitive drum used for the image formation onto the recording medium and a signal from a temperature

sensor of a cassette in which the recording medium is housed.